



California State Fire Marshal
National Fire Incident Reporting System

Data as of: 07/03/2009 12:48:27PM

FDID Range:
0 to No Upper Bound

Incident Date Range:
01/01/2008 to 12/31/2008

Incident Type:
0 to No Upper Bound

All Fires By Heat Source

<u>Year vs Heat Source</u>	<u>2008</u>	<u>Total</u>
Arcing	3,015	3,015
Backfire from internal combustion engine	162	162
Blasting agent	1	1
Candle	486	486
Chemical reaction	373	373
Chemical, natural heat source, other	186	186
Cigarette	1,717	1,717
Cigarette lighter	828	828
Conducted heat from another fire	72	72
Explosive, fireworks, other	42	42
Fireworks	192	192
Flame/torch used for lighting	241	241
Flying brand, ember, spark	600	600
Heat from direct flame, convection currents	1,135	1,135
Heat from other open flame or smoking materials	1,701	1,701
Heat from powered equipment, other	3,669	3,669
Heat from undetermined smoking material	422	422
Heat source: other	2,766	2,766

	2008	<u>Total</u>
Heat spread from another fire, other	368	368
Heat, spark from friction	547	547
Hot ember or ash	1,433	1,433
Hot or smoldering object, other	1,999	1,999
Incendiary device	369	369
Lightning	70	70
Match	1,632	1,632
Model and amateur rockets	2	2
Molten, hot material	246	246
Multiple heat sources including multiple ignitions	345	345
Munitions	4	4
Other static discharge	25	25
Pipe or cigar	28	28
Radiated heat from another fire	251	251
Radiated, conducted heat from operating equipment	3,330	3,330
Spark, ember or flame from operating equipment	1,769	1,769
Sunlight	47	47
Undetermined	16,344	16,344
Warning or road flare; fusee	40	40
<u>Total</u>	46,457	46,457



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All Fires By Heat Source

<u>Incident Date</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
2008								
	N/A	2,766	\$39,359,014	\$12,011,054	6	0	26	15
	Operating equipment	11,783	\$256,245,109	\$167,074,468	64	0	127	13
	Hot or Smoldering Object	4,225	\$103,780,717	\$14,526,431	10	0	51	11
	Explosives, Fireworks	610	\$4,885,714	\$5,708,759	0	0	4	0
	Other Open Flame or Smoking Materials	7,257	\$63,738,445	\$18,558,151	28	0	121	13
	Chemical, Natural Heat Sources	701	\$12,859,014	\$5,609,225	0	0	4	0
	Heat Spread from Another Fire	2,426	\$125,032,017	\$52,693,642	4	0	11	3
	Other Heat Sources	345	\$8,840,006	\$6,594,639	2	0	2	1
	N/A	16,344	\$388,518,243	\$523,892,057	71	0	110	51
Grand Total		46,457	\$1,003,258,279	\$806,668,426	185	0	456	107

The data contained in this report comes from the State Fire Marshal's California All Incident Reporting System (CAIRS) data warehouse. Property and contents loss figures, if included herein, are estimates only. These emergency incident statistics, including injury and death counts, are based only upon information submitted to the State Fire Marshal by participating California fire departments. Please note that apparent variations in incident counts and associated losses shown in this report may be solely due to fluctuations in the amount of data submitted to the State Fire Marshal. And while the incoming data is validated according to logical data rules, individual data elements are not always verified for accuracy.